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Our File No. 9281-4746  
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**PATENT APPLICATION TRANSMITTAL LETTER**

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Naoya Hasegawa, Eiji Umetsu, Masamichi Saito, and Yosuke Ide for Spin Valve Magnetoresistive Element Having Pinned Magnetic Layer Composed of Epitaxial Laminated Film Having Magnetic Sublayers And Nonmagnetic Interlayer.

Enclosed are:

- ☐ Preliminary Amendment
- ☒ 7.1 pages of application (including title page and Abstract), 8 sheets of formal drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- ☒ Submission of Certified Copy of Priority Document and certified copy of Japanese Application No(s). 2003-048688 filed on February 26, 2003
- ☒ Information Disclosure Statement, PTO-1449, and references A1-A5

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	52 -20	32
Indep. Claims	3-3	0
Multiple Dependent Claims Present		

\*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 385
x\$9=	\$
x\$43=	\$
+\$145=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 770
x\$18=	\$ 576
x\$86=	\$0
+\$290=	\$
Total	\$ 1346

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$ 1346 to cover the filing fee is enclosed.
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  - ☐ Any patent application processing fees under 37 CFR § 1.17.
  - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date 2/20/04

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